

ABSTRACT

Sparse matrix vector multiplication (SpMv) same as usual matrix vector multiplication, but sparse matrix can be store in variety of special schemes such as Coordinate (COO) and Compressed Sparse Matrix (CSR). Variety sparse matrix storage schemes affect in SpMV algorithm and give optimization at process time and data usage. In this research by using two sparse matrix schemes COO and CSR will be comparing in terms of processing time by using technology OpenMP and PThread.

Keywords : *Sparse Matrix, COO, CSR, OpenMP, PThread.*